

STABLE RADIOIODINE CONJUGATES AND METHODS FOR THEIR SYNTHESIS

Publication number: DE69702398T

Publication date: 2001-02-15

Inventor: GOVINDAN V (US); GRIFFITHS L (US)

Applicant: IMMUNOMEDICS INC (US)

Classification:

- **international:** A61K51/00; A61K38/00; A61K39/395; A61K51/08;
A61P43/00; C07H3/04; C07K1/107; A61K51/00;
A61K38/00; A61K39/395; A61K51/02; A61P43/00;
C07H3/00; C07K1/00; (IPC1-7): C07K1/107;
A61K51/08; C07H3/04

- **European:** A61K51/08Z; C07H3/04; C07K1/107D4

Application number: DE19976002398T 19970827

Priority number(s): US19960024738P 19960828; WO1997US14998
19970827

Also published as:

- WO9808548 (A3)
- WO9808548 (A2)
- EP0915710 (A3)
- EP0915710 (A2)
- EP0915710 (A0)
- EP0915710 (B1)
- AU718859B (B2)

less <<

[Report a data error here](#)

Abstract not available for DE69702398T

Abstract of corresponding document: **WO9808548**

Methods are described for conjugating radioiodinated peptides or carbohydrate structures to proteins with improved yields and qualities of conjugates. In one method, specially designed radioiodinated bifunctional peptides containing nonmetabolizable amide bonds are coupled to antibodies. In a second method, radioiodinated nonmetabolizable bifunctional peptides, which also contain aminopolycarboxylates, are coupled to antibodies. In a third method, radioiodinated bifunctional aminopolycarboxylates are coupled to antibodies. In a fourth method, a hydrazide-appended antibody is coupled to a radioiodinated carbohydrate, or a thiolated antibody is coupled to a hydrazide-appended and radioiodinated carbohydrate. In a fifth method, a monoderivatized cyanuric chloride is used to conjugate thiolated antibody. Radioiodinated residualizing antibody conjugates made by these methods are particularly stable in vivo and are suitable for radioimmunodetection and radioimmunotherapy.

.....
Data supplied from the **esp@cenet** database - Worldwide